

IV.—PRECIPITATION.

(1.) *In General*.—By the isohyetal lines on the accompanying chart, it will be seen that the rain-fall during May has been distributed in a manner remarkably complementary to that of the preceding one, a great deficiency being reported from the Mississippi Valley and the entire Northern and Western sections, while a slight excess has prevailed in the South and East Atlantic States.

(2.) *Special Droughts*.—The long succession of 26 rainless days in some portions of the South Atlantic States has given rise to some complaints from limited regions in North Carolina, notwithstanding the large quantity of rain that has fallen on the coast. In the Tennessee and Ohio Valleys, Iowa, Indiana, Illinois and Minnesota, the month has been remarkably dry.

(3.) *Cloudy Days*.—The number of days entirely cloudy, as reported from the Signal Stations averages as follows:

5 on the Gulf Coast.	5 in the Ohio Valley.
7 on the South Atlantic Coast.	5 in the Upper Mississippi Valley.
8 on the Middle Atlantic Coast.	8 in the Lower Missouri Valley.
12 on the East Atlantic Coast.	7 in the Lake Region.
5 in the Lower Mississippi Valley.	

(4.) *Rainy Days*.—The number of days in which rain fell, as reported from the Signal Service Stations only, is as follows:

3 on the Gulf Coast.	6 on the East Atlantic Coast.
10 on the South Atlantic Coast.	3 in the Lower Mississippi Valley.
8 on the Middle Atlantic Coast.	7 in the Ohio Valley.
8 in the Upper Mississippi Valley.	9 in the Lower Missouri Valley.
10 in the Lake region.	8 over the Blue Ridge and Alleghanies.

(5.) *Special Rains*.—Remarkably heavy rain-falls occurred—

On the 27th at Galveston.	On the 25th at Sugar Island, Mich.
On the 11th at Clarksville, Texas.	On the 20th at Brownsville, Penn.
On the 25th at Brookhaven, Miss.	

Severe hail-storms appear to have been unusually frequent. The most instructive report on the subject comes from the summit of Pike's Peak, where, on the 14th, large balls of hail fell, composed of soft white snow, without any nucleus. Remarkably large hail is reported from Pennsylvania on the 20th, and from Mississippi on the 25th.

V.—HUMIDITY.

In the following table a synoptical view is given of the average per cent. of relative humidity for the several sections of the country:

For the Texas coast, 72; for the New Jersey coast, 74; for the South Atlantic coast, 68; for the interior of the Middle Atlantic States, 62; for the New England coast, 65; for the southern shores of the Lower Lake region, 62; for the Upper Lake region, 65; for the lower Mississippi valley, 60; for the Ohio and Tennessee valleys, 56; for the upper Mississippi valley, 56; for the lower Missouri valley, 56; for the extreme Northwest, 62; for Cheyenne and Denver, 42; for Salt Lake City and Colorado Springs, 40; for Santa Fe, 23; for summit of Pike's Peak,* 69; for summit of Mount Washington,* 86.

* These figures have not been corrected for the altitude of these stations, which respectively are 14,216 and 6,285.